

N ewsletter



University of Malaya-Kyoto University
Secretariat



Kyoto University Global COE Program
Global Center for Education and Research on
Human Security Engineering for Asian Megacities



Special Coordination Fund for Promotion of Science and Technology
Strategic Program for Fostering Environmental Leaders
International Center for Human Resource Development in
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Graduate School of Engineering

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The GCOE HSE Symposium 2012 was held at Jinyu-Hall, 3rd floor, C Cluster-1-2, Katsura Campus, Kyoto University (2nd December, 2012).



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International experts on Integrated Lake Basin Management (ILBM) participated in the series of events on "Heartware and ILBM" (5th-10th March, 2013)

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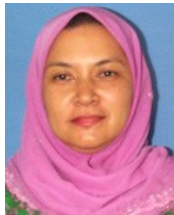
Kyoto University Global COE Program Global Center for Education and Research on Human Security Engineering for Asian Megacities

Kyoto University Global COE Human Security Engineering (HSE) Symposium 2012

Kyoto University, JAPAN



Prof. Dato' Dr. Mohd Jamil Maah
Department of Chemistry,
Faculty of Science
University of Malaya



Prof. Dr. Nik Meriam Nik Sulaiman
Department of Chemical
Engineering,
Faculty of Engineering,
University of Malaya



Dr. Noor Zalina Mahmood
Institute of Biological Sciences,
Faculty of Science,
University of Malaya

The Kyoto University Global COE HSE Symposium 2012 was held on 2nd December 2012 in Kyoto, Japan. This symposium was organized by Kyoto University Global COE Program Centre for Education and Research on Human Security Engineering for Asian Megacities, in collaboration with the Graduate School of Engineering, Kyoto University, Graduate School of Global Environmental Studies, Kyoto University and the Disaster Prevention Research Institute. The Kyoto University Global COE Program Centre aims to establish “Urban Human Security Engineering” principles, targeting on Asian megacities. The program, which was carried out between the years 2008-2013, was involved in promoting human resource development and research activities, especially through its interdisciplinary education program.

The objectives of the symposium were firstly, as a summary of the education and research activities conducted by the Kyoto University Global COE Program ‘Centre for Education and Research on Human Security Engineering for Asian Megacities’ under four research fields i.e. Urban Governance, Urban Infrastructure Management, Health Risk Management and Disaster Risk Management. It was also a time to highlight activities carried out at the seven overseas bases. A total of 35 researchers and academicians from Japan, China, India, Malaysia, Vietnam, Singapore, Indonesia and Thailand participated in the symposium.



Prof. Nik giving her presentation during the symposium

The symposium was divided into two sessions. The first session began with an overview of the Kyoto University Global COE HSE program by Prof. Yuzuru Matsuoka followed by research leaders from the following respective fields:

1. Prof. Teruyuki Monnai (Urban Governance)
2. Prof. Hiroyasu Ohtsu (Urban Infrastructure Management)
3. Prof. Hiroaki Tanaka (Health Risk Management)
4. Prof. Hirokazu Tatano (Disaster Risk Management)



Panoramic view of the symposium hall with delegates from Japan, Malaysia, Indonesia, Singapore, Vietnam, India and Thailand

During the second session, leaders from the seven Overseas bases were invited to report their activities, achievements and prospects related to 'Human Security Engineering.' Prof. Nik Meriam represented the Malaysian overseas base to present Malaysia's collaborative efforts through the HSE program. The symposium concluded with a summary of prospects of HSE in Asian regions, by Prof. Minoru Yoneda, Prof. Shigeo Fujii and Prof. Hiroyasu Ohtsu. This was followed by a dinner banquet at the Ganko Takasegawa Nijoen mansion.

On the 3rd of December 2012, symposium participants were taken on courtesy visits to meet Kyoto University executives and to the Graduate School of Global Environmental Studies. After lunch, the participants also had the opportunity to visit the Kyoto Imperial Palace and Nijo Castle, a world heritage site.

Overall, the symposium was a good opportunity for interaction between colleagues from Asian regions, becoming part of a unique community for the establishment and implementation of 'Human Security Engineering.'



From left: Prof. Nik, Prof. Dato' Jamil and Dr. Noor Zalina receiving a token of appreciation from Prof. Yuzuru Matsuoka



Captions:

- 1: Group photo in front of Kyoto University
- 2: At the Dean's office during the courtesy visit to Graduate School of Environmental Studies, Kyoto University
- 3-5: Beautiful scenery at Seifuso, Kyoto University



International Center for Human Resource Development in Environmental Management

Environmental Management Leader Program

5th Symposium of Kyoto University EML Program 2013: International Symposium on Education and Research in Environmental Management

Kyoto University, JAPAN



Dr. Zul Ilham bin Zulkiflee Lubes
Institute of Biological Sciences
Faculty of Science
University of Malaya

On March 7th and 8th 2013, all Environmental Management Leaders (EML) program members, its overseas field campuses and satellite offices representatives were invited for the 5th Symposium of Kyoto University EML Program, held at Kyoto University, Japan.

The EML program was funded by the Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan as a part of S&T Strategic Cooperation Promotion Program organized by Kyoto University as the core institution with close cooperation with overseas field campuses, satellite offices and industrial partnership. It was a five-year program starting in April 2008, aiming to foster a new generation of internationally-aware environmental leaders, able to focus on finding solutions to a wide spectrum of global and regional environmental problems.

Nearly 100 delegates from 16 international institutions participated in this final symposium. The Malaysian delegates



*Participants of The International Symposium on
Education and Research in Environmental Management:
5th Symposium of Kyoto University EML Program 2013*

were: Dr. Zul Ilham Zulkiflee Lubes (Universiti Malaya), Prof. Dr. Zulkifli Yusop (Universiti Teknologi Malaysia) and Dr. Sharifah Zarina Syed Zakaria (Universiti Kebangsaan Malaysia), as the representatives of the Malaysian satellite office.



Invited Speakers and Distinguished Guests of The International Symposium on Education and Research in Environmental Management: 5th Symposium of Kyoto University EML Program 2013

The symposium was officiated by Prof. Michiaki Mishima, the Vice President of Kyoto University, followed by opening remarks from the EML Program Leader, Prof. Shigeo Fujii and Deans of Graduate School of Engineering and Graduate School of Energy Science. After the opening session, the program's achievement report session commenced. Prof. Shigeo Fujii delivered a detailed explanation about the achievements of the EML program throughout the five-year phase, followed by reports from field campuses by Prof. Huynh Trung Hai (Hanoi), Prof. Le Van Anh (Hue) and Prof. Guan Yuntao (Shenzhen). Reports of activities from satellite offices in Danang and Malaysia were presented by Dr. Tran Van Quang and Dr. Zul Ilham Zulkiflee Lubes, respectively.



International Center for Human Resource Development in Environmental Management

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During one of the sessions



Lunch at Kyoto University's Seifuso Japanese Villa



Dr. Zul Ilham presenting the report on EML activities in Malaysia

During the educational experience session, reports on overseas internship experiences, internship experiences in Japan, short courses at overseas campuses as well as experiences of EML alumni were presented by the students involved. It was then followed by students' research oral and poster presentations on environmental issues, which were moderated and commented by distinguished invited professors.

Prior to the end of the session, panel discussion among EML program members were held, critically discussing the potential future research collaborations and funding opportunities. The meeting was closed by Prof. Shigeo Fujii together with the signing of memorandum of understandings between overseas field campuses and Kyoto University.



From left: Dr. Zul Ilham, Prof. Zulkifli Yusop and Dr. Sharifah Zarina



Dr. Zul Ilham with Prof. Shigeo Fujii, Leader of the EML Program



Asian Core Program

Research and Education Center for the Risk Based Asian Oriented Integrated Watershed Management

Scientific Visit to Japan: Heartware and Integrated Lake Basin Management (ILBM)

5th to 10th March 2013



Dr. Zeeda Fatimah Mohamad
Department of Science and
Technology Studies
Faculty of Science
University of Malaya



Dr. Nisfariza Mohd Noor
Department Of Geography
Faculty of Arts and Social
Sciences
University of Malaya



Dr. Wan Mohd Yusof Wan Chik
Faculty of Islamic Contemporary
Studies
Universiti Sultan Zainal Abidin



*Prof. Nakamura leading the discussion during the
Heartware Expert Workshop*



*Madam Lennie presenting on the outcome of the first
"Heartware" workshop in India*

Between 5th to 10th March 2013, the International Lake Environment Committee, Japan (ILEC) organized a series of events in Japan related to the topic of "Heartware and Integrated Lake Basin Management (ILBM)". Dr. Zeeda Fatimah Mohamad, Dr. Nisfariza Mohd Noor and Dr. Wan Mohd Yusof Wan Chik were invited as Malaysian delegates to be part of the events.

(1) Heartware Expert Meeting – 5th to 9th March 2013

This is the second Expert Meeting on Heartware organized by ILEC, under the leadership of Prof. Masahisa Nakamura, following the first meeting organized in India. To commence the meeting, Prof. Nakamura gave an introduction to the meeting, introduced participants to each other, and explained how each of their backgrounds are related to the topic of "Heartware". Miss Adeline Santos Borja (Lennie) then reported on the outcome of the first "Heartware" workshop held in India. For the subsequent sessions, international experts on their subject of expertise took turns to share their experiences, through the presentation of case studies from each nation represented at the meeting i.e. Chilika Lake, Uchali Lake, Lake Lanao, Indonesia and Malaysia. At the end of each day, Prof. Nakamura led discussions on the day's presentations how this would relate to the issues of "Heartware" in ILBM. There was a wrap-up discussion led by Prof. Nakamura on the last day of the meeting. This discussion resulted in the note "Initial thoughts on the Nature of Heartware," compiled by Madam Lennie and Dr. Walter Ras.

(2) Fieldtrip, 7th March 2013

A field trip was organized to various locations around Lake Biwa. The "Heartware" participants had the opportunity to learn about the value of the Japanese civilization, especially on the issue of water conservation and the environment. Values such as practical thinking style, punctuality, environmental



*Lennie and Ustaz Wan, drinking spring
water taken directly from a kabata spring and
drank from a specially made re-usable bamboo
cup*



*Local community gotong royong, 4 times a year,
to clear off the macrophytes (which are then used
as fertilizers)*



*Microhydro is being used in this quaint
traditional village at Lake Biwa*



Asian Core Program

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appreciation, continual improvement, humility, transparency, as well as maintaining and developing local heritage technology were evident throughout the areas visited.

(3) Japan International Heartware Symposium, 10th March 2013

The Japan International Heartware Symposium was co-organised by Shiga University and ILEC. At this symposium, all the international participants from the expert meeting were given the opportunity to share their perspectives on “Heartware” through presentations and forum. However, the highlight of the day was the presentation by the Shiga Prefecture Governor herself, Governor Kada on the topic of “Lessons from Lake Biwa: Near Water & Far Water”. There was also an interesting presentation by Miss Yamamoto on an interesting initiative that tries to bring back the “Heartware” (past culture and memory) of the City of Kusatsu. This was done by interviewing old people in the area about how the original landscape and lifestyle of the area was viewed in the past, and the findings were translated into a beautiful painting that can be used as educational material and artistic reminder of what has been lost and what can possibly be regained in the future.

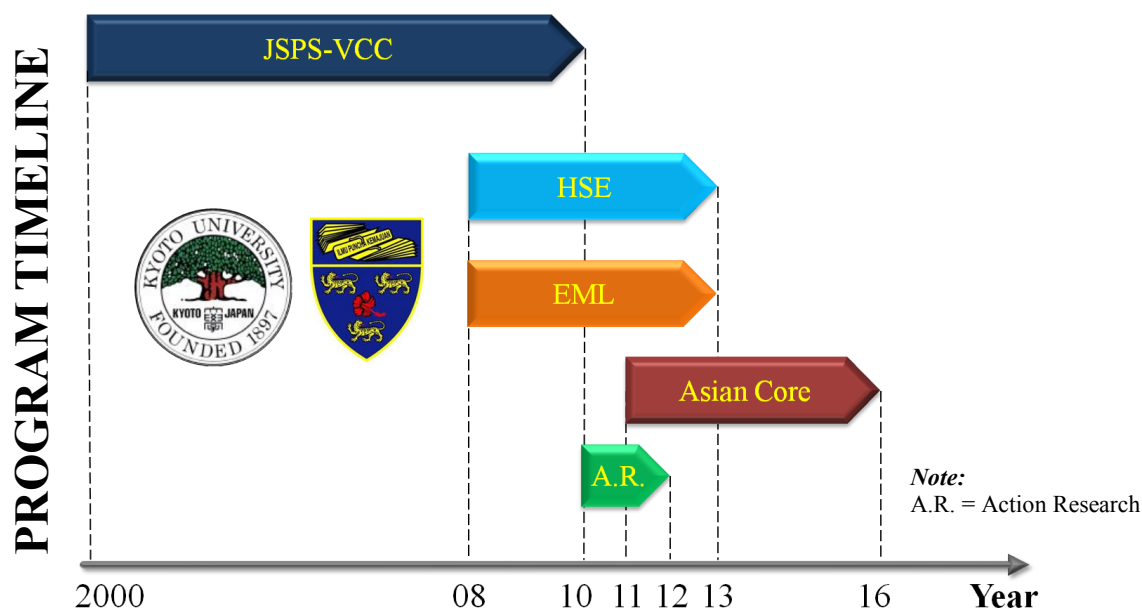
Captions:

- 1: Dr. Zeeda giving her presentation at the Japan International Heartware Symposium
- 2: Forum panelists at the Japan International Heartware Symposium
- 3: Presentation and discussion at the symposium hall
- 4: Governor Kada sharing on “Lessons from Lake Biwa: Near Water & Far Water”



SUMMARY

The program achieved its target to collate information from all researchers related to ILBM for the introduction of “Heartware” elements in the application of ILBM and watershed management. “Heartware” refers to decisions made based on current scenario or problems to include the ‘feeling’ or the best resolution at that time. In most cases the “Heartware” are not implied in ILBM research. Some of those elements include the historical memory of people (oldies), good feelings before things change because of the development, religion, culture, social and many others have been discussed in the meeting and symposium. The outcome attracted our attention on how we as researchers can synergise our research together with the technology (hardware and process), software (policies and governance) and “Heartware” to be a comprehensive result in reference to the watershed management or ILBM research. In conclusion, the ten-day trip to Japan was a golden opportunity to learn, discuss and experience the meaning and concept of Heartware in water governance and its resources.



Programs and its duration under international collaboration between Kyoto University and University of Malaya

Programs Contact Information

HSE program:

Urban Human Security Engineering Education and Research Center
C Cluster, Kyotodaigaku Katsura, Nishiyoku, Kyoto 615-8540, Japan
E-mail: contact@hse.gcoe.kyoto-u.ac.jp
Phone: +81-75-383-3412/3413
Fax: +81-75-383-3418
Web: <http://hse.gcoe.kyoto-u.ac.jp>

EML program:

Kyoto University EML Office
Yoshida-Honmachi, Sakyo-ku, Kyoto, 606-8501, Japan
E-mail: eml-core@ges.kyoto-u.ac.jp
Phone: +81-75-753-5925
Fax: +81-75-753-5923
Web: <http://www.ges.kyoto-u.ac.jp/cyp/modules/jst/english>

Asian Core program:

Research Center for Environmental Quality Management
Kyoto University
1-2 Yumihama, Otsu 520-0811, Japan
E-mail: shimizu@biwa.eqc.kyoto-u.ac.jp
Phone: +81-77-527-6221
Fax: +81-77-524-9869

University of Malaya-Kyoto University Office Contact Information

University of Malaya-Kyoto University Secretariat
Level 6,
Research Management and Innovation Complex (RMIC),
University of Malaya
50603, Kuala Lumpur MALAYSIA.
E-mail: gcoe_acp@um.edu.my
Phone: +603-7967 4635 **Fax:** +603-7967 7813
Web: <http://gcoe-acp.um.edu.my>